

Class A N.H.H.H

Class B N.N.H.H

Class C N.N.N.H

7 departments 7 LAN ~300 host/dep.

148.37.0.0 ---> 1 Network 65536 Host

10010100.00100101.00000000.00000000	148.37.0.0
10010100.00100101.00010000.00000000	148.37.16.0
10010100.00100101.00100000.00000000	148.37.32.0
10010100.00100101.00110000.00000000	148.37.48.0
10010100.00100101.01000000.00000000	148.37.64.0
10010100.00100101.01010000.00000000	148.37.80.0
10010100.00100101.01100000.00000000	148.37.96.0
10010100.00100101.01110000.00000000	148.37.112.0
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10010100.00100101.11100000.00000000	148.37.198.0

10010100.00100101.11110000.00000000	148.37.224.0
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LAN-1

10010100.00100101.00010000.00000000	148.37.16.0	1/b
10010100.00100101.00010000.00000001	148.37.16.1	
10010100.00100101.00010000.00000010	148.37.16.2	
10010100.00100101.00010000.00000011	148.37.16.3	
10010100.00100101.00010000.00000100	148.37.16.4	
10010100.00100101.00010000.00000101	148.37.16.5	
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10010100.00100101.00010000.11111111	148.37.16.255	
10010100.00100101.00010001.00000000	148.37.17.0	
10010100.00100101.00010001.00000001	148.37.17.1	
10010100.00100101.00010001.00000010	148.37.17.2	
10010100.00100101.00010001.00000011	148.37.17.3	
.		
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10010100.00100101.00010001.00011111	148.37.17.45	

10010100.00100101.00011111.11111111 148.37.31.255 b/c

LAN-2

10010100.00100101.00100000.00000000 148.37.32.0 1/b

10010100.00100101.00100000.00000001 148.37.32.1

10010100.00100101.00100000.00000010 148.37.32.2

10010100.00100101.00100000.00000011 148.37.32.3

10010100.00100101.00100000.00000100 148.37.32.4

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10010100.00100101.00100000.11111111 148.37.32.255

10010100.00100101.00100001.00000000 148.37.33.0

10010100.00100101.00100001.00000000 148.37.33.1

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10010100.00100101.00100001.00011111 148.37.33.45

10010100.00100101.00101111.11111111 148.37.47.255 b/c

148.37.56.25 - 255.255.240.0

148.37.56.25 /20 CIDR Gösterimi

11111111.11111111.11110000.00000000

subnet mask

10010100.00100101.00111000.00011001      Logical AND

11111111.11111111.11110000.00000000

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10010100.00100101.00110000.00000000      148.37.48.0

CIDR: Classless InterDomain Routing

T T : T

F T : F

T F : F

**F F : F**

**48.56.27.14/18    -    255.255.192.0**

**11111111.11111111.11000000.00000000**